

Order No.: 51FXB27P6B0A | **GTIN (EAN):** 4058352933701

Product description: MonEx,diff,13730lm865,0/1,5x2.5²,PC



Monsun[®] Ex, damp-proof luminaire, primary optical cover: cover, of PC, UV-stabilised, opal, light emission: direct distribution, primary light characteristic: symmetric, installation type: surface-mounted, LED, rated luminous flux: 13.730lm, luminous efficacy: 145lm/W, light colour: 865, colour temperature: 6500K, control gear: ECG, with terminal, 3-pole, max. 2.5mm², through-wiring: 5x 2.5mm², mains connection: 220..240V, AC, 50/60Hz, rated input power: 95W, housing, of PC, light grey (RAL 7035), incl. blind plug, incl. 1x Ex cable gland M20 for cable diameter 7..12mm with sealing, length: 1.580mm, width: 155mm, height: 105mm, clip for enclosure, of stainless steel, protection rating (complete): IP66, insulation class (complete): insulation class I (protective earthing), certification: CE, explosion class: zone2,22 II 3G Ex nR IIC T6 GC, II 3D Ex tc IIIC T80°C Dc, impact resistance: IK10, permissible operating ambient temperature: -20..+45°C, LABS conformity tested according to VDMA 24364:2018-05, contact your sales advisor before using the luminaires in applications with unclear chemical exposure, large temperature fluctuations or condensation-forming humidity, packaging unit: 1 piece

IP 66 IK 10  

Lamps:	LED
Wt. (kg):	3.6
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Detailed technical description: MonEx,diff,13730lm865,0/1,5x2.5²,PC



Key data

- Product type: damp-proof luminaire
- Product name: Monsun® Ex
- Order No.: 51FXB27P6B0A

Lighting technology | Lamps | Control gear

Component 1

Lighting technology:

- Cover: cover, opal
- Beam angle: diffuse distribution
- Symmetry: symmetric
- Light emission: direct distribution

Lamps:

- Lamps: with LED
- Rated luminous flux: 13730lm
- Luminous efficacy: 145lm/W
- Colour temperature: 6500K
- Colour rendering index: CRI > 80
- Light colour: 865
- SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 3 SDCM (initial)
- Rated input power: 95W

Operating device:

- Control gear: ECG
- Control: ON/OFF

Certificates, Standards

- Protection rating: IP66
- Insulation class: insulation class I (protective earthing)
- Impact resistance: IK10
- Temperature range (operation): -20..+45°C
- Supplement: LABS conformity tested according to VDMA 24364:2018-05, contact your sales advisor before using the luminaires in applications with unclear chemical exposure, large temperature fluctuations or condensation-forming humidity
- Certification, designation: CE

Material, Colour

- housing: PC, light grey (RAL 7035), incl. blind plug, incl. 1x Ex cable gland M20 for cable diameter 7..12mm with sealing
- Colour specification: light grey (RAL 7035)
- clip for enclosure: stainless steel
- Cover: cover of PC, UV-stabilised

Mounting

- Mounting method, mounting location: surface-mounted, to the ceiling, to the wall, to the chain
- Arrangement: single arrangement

Electrical connection

- Connection: terminal, 3-pole, max. 2.5mm²
- Nominal voltage: 220..240V, 50/60Hz, AC
- Through-wiring: 5x 2.5mm²

Dimensions, Weight

- Length: 1580mm
- Width: 155mm
- Height: 105mm
- Mounting distance: 1000mm
- Weight: 3.6kg

Service life

- Rated service life: 70000h (L80/B10) at AT = 25°C

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It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at www.siteco.com)

Tolerances related to thermal, electrical and photometric data according to IEC 62722

Issued 10.11.2023 - Modifications and errors subject to change - Ensure that you always use the latest version -